	,			-=
L Number	Hits	Search Text	DB	Time stamp
2	3723	compress\$ same (artifact\$4 noise) same	USPAT;	2004/02/12 15:20
		(image video)	US-PGPUB;	
			IBM TDB	
3	519	compress\$ near4 (artifact\$4 noise) near4	USPĀT;	2004/02/12 15:21
		(image video)	US-PGPUB;	
İ		,	IBM TDB	
4	100	(compress\$ near4 (artifact\$4 noise) near4	USPĀT;	2004/02/12 15:21
-		(image video)) same filter\$4	US-PGPUB;	
		(111103)	IBM TDB	
5	521388	((compress\$ near4 (artifact\$4 noise) near4	USPĀT;	2004/02/12 15:21
١	321300	(image video)) same filter\$4) ssame motion	US-PGPUB;	2001, 02, 12 20121
1		(image video), same lifector, ssame motion	IBM TDB	
6	9	((compress\$ near4 (artifact\$4 noise) near4	USPAT;	2004/02/12 15:29
0	,	(image video)) same filter\$4) same motion	US-PGPUB;	2004/02/12 13.23
		(Image video)) Same IIICe194) Same motion	IBM TDB	
7	01760		USPAT;	2004/02/12 15:30
/	21768	remov\$4 near4 compress\$4		2004/02/12 15:30
			US-PGPUB;	
		l	IBM_TDB	
8	590	(remov\$4 near4 compress\$4) near5 filter\$4	USPAT;	2004/02/12 15:30
			US-PGPUB;	
			IBM_TDB	
9	3	( ( 2 0 m) + 1 m 0 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2	USPAT;	2004/02/12 15:36
		filter\$4) near4 artifact\$3	US-PGPUB;	
			IBM_TDB	ŕ
10	850	motion same filter\$4 same decod\$4	USPAT;	2004/02/12 15:36
			US-PGPUB;	
			IBM TDB	
11	560	(motion same filter\$4 same decod\$4) same	USPAT;	2004/02/12 15:37
		(imag\$4 video)	US-PGPUB;	
			IBM TDB	
12	75	((motion same filter\$4 same decod\$4) same	USPAT;	2004/02/12 15:37
	, ,	(imag\$4 video)) same artifact\$3	US-PGPUB;	10.0
		(Imagri Taco), banc arciraccy	IBM TDB	
L	l		TDE_TDD	

L Number	Hits	Search Text	DB	Time stamp
2				
2	3723	compress\$ same (artifact\$4 noise) same	USPAT;	2004/02/12 15:20
		(image video)	US-PGPUB;	
			IBM_TDB	
3	519	compress\$ near4 (artifact\$4 noise) near4	USPAT;	2004/02/12 15:21
		(image video)	US-PGPUB;	1
			IBM_TDB	
4	100	(compress\$ near4 (artifact\$4 noise) near4	USPAT;	2004/02/12 15:21
		(image video)) same filter\$4	US-PGPUB;	
			IBM TDB	
5	521388	((compress\$ near4 (artifact\$4 noise) near4	USPĀT;	2004/02/12 15:21
		(image video)) same filter\$4) ssame motion	US-PGPUB;	
			IBM TDB	
l 6	9	((compress\$ near4 (artifact\$4 noise) near4	USPĀT;	2004/02/12 15:29
		(image video)) same filter\$4) same motion	US-PGPUB;	
		, , , , , , , , , , , , , , , , , , , ,	IBM TDB	
7	21768	remov\$4 near4 compress\$4	USPAT:	2004/02/12 15:30
			US-PGPUB;	
ļ l			IBM TDB	
8	590	(remov\$4 near4 compress\$4) near5 filter\$4	USPAT;	2004/02/12 15:30
		(20	US-PGPUB;	2001/02/12 13:30
			IBM TDB	
9	3	((remov\$4 near4 compress\$4) near5	USPAT;	2004/02/12 15:36
	9	filter\$4) near4 artifact\$3	US-PGPUB;	2004/02/12 13:30
		lifecty i/ neary dictidecty	IBM TDB	
10	850	motion same filter\$4 same decod\$4	USPAT;	2004/02/12 15:36
10	030	MOCION Same IIICELY4 Same decody4	US-PGPUB;	2004/02/12 13:36
	i		,	
11	560	/motion same filter() same decod()	IBM_TDB	2004/02/12 15 27
++	300	(motion same filter\$4 same decod\$4) same	USPAT;	2004/02/12 15:37
		(imag\$4 video)	US-PGPUB;	
1.0	2.5		IBM_TDB	
12	75	((motion same filter\$4 same decod\$4) same	USPAT;	2004/02/12 15:37
		(imag\$4 video)) same artifact\$3	US-PGPUB;	
L			IBM_TDB	

## 6178205

DOCUMENT-IDENTIFIER: US 6178205 B1

TITLE: Video postfiltering with motion-compensated temporal filtering and/or spatial-adaptive filtering

----- KWIC -----

Detailed Description Text - DETX (3): In accordance with an aspect of the invention, a video postfilter employs motion compensated temporal filtering and spatial adaptive filtering to improve image quality and remove coding artifacts. The temporal filtering uses motion vectors from multiple blocks to determine a reference value that is combined with the target pixel value being filtered. The reference value selected using multiple motion vectors better matches the target pixel value because the combination of motion vectors can better approximate motion of individual pixels than can a motion vector that indicates average motion of an entire block of pixel values. The spatial adaptive filtering uses the dynamic ranges of pixel values in blocks of different sizes to determine the visual context of the target pixel, and selects a filter for